

# Veneer Visual, Moisture and Strength Analyzer R7 - Drying



Analyzer combines visual, moisture, and strength analysis in one intelligent system for optimized dry veneer grading.

## BENEFITS

- Optimized dry veneer grading
- Improve drying capacity
- Maximize veneer quality
- Optimize production efficiency
- Feedback to peeling and drying processes

## TECHNICAL DETAILS

|   | Surface   | Micro     | Color     |
|---|-----------|-----------|-----------|
| Veneer thickness (mm)                     | 0.5 – 4.2 | 0.5 – 4.2 | 0.5 – 4.2 |
| Available sizes (ft)                      | 5 - 10    | 5 - 10    | 5 - 10    |
| Grading accuracy                          | >95%      | >95%      | >95%      |
| Color defects (e.g. Knot, wane)           | ●         | ●         | ●         |
| Micro defects (e.g. Crack, pin hole)      | ●         | ●         | ●         |
| Surface defects (e.g. Roughness, overlap) | ●         | ●         | ●         |
| Moisture Range (mc)                       | 1% - 30%  | 1% - 30%  | 1% - 30%  |
| Moisture Accuracy (mc)                    | ±2.5%     | ±2.5%     | ±2.5%     |
| Moisture and density sensors (pcs)        | 6 - 10    | 6 - 10    | 6 - 10    |
| Thickness Accuracy (mm)                   | ±0.5      | ±0.5      | ±0.5      |

|                                       |          |          |          |
|---------------------------------------|----------|----------|----------|
| Density range (kg/m <sup>3</sup> )    | 300-1500 | 300-1500 | 300-1500 |
| Density accuracy (kg/m <sup>3</sup> ) | ±10%     | ±10%     | ±10%     |
| Sonic Wheels (pcs)                    | 2-3      | 2-3      | 2-3      |
| Sonic Accuracy (mm/s)                 | ±3%      | ±3%      | ±3%      |